

Title (en)
PORTABLE WIRELESS TERMINAL

Title (de)
TRAGBARES DRAHTLOSES ENDGERÄT

Title (fr)
TERMINAL SANS FIL PORTABLE

Publication
EP 1511183 A4 20050831 (EN)

Application
EP 03730801 A 20030603

Priority
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• JP 2002237969 A 20020819

Abstract (en)
[origin: EP1511183A1] A portable wireless terminal has a hinge section provided type antenna suitable for a clamshell type which can maintain spacing from a head of a human body and alleviate influence of a hand of a user. The clamshell type portable wireless terminal having an upper housing (10) and a lower housing (20) connected to each other through a hinge has a projection section (30) projecting outward near a hinge section of the lower housing (20). In addition, a built-in antenna is housed in the projection section (30). The built-in antenna has an antenna element (50) in a linear or plate shape. At least a part of the antenna element on an open end side is disposed at a position which is hardly to be covered by the hand or finger of the user when the user uses the terminal. <IMAGE>

IPC 1-7
H04B 1/38; H01Q 1/00

IPC 8 full level
H01Q 1/08 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/36** (2006.01); **H04M 1/02** (2006.01)

CPC (source: EP KR US)
H01Q 1/084 (2013.01 - EP US); **H01Q 1/243** (2013.01 - EP US); **H04B 1/38** (2013.01 - KR)

Citation (search report)
• [X] WO 9943041 A1 19990826 - QUALCOMM INC [US]
• [A] WO 0203665 A1 20020110 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09 4 September 2002 (2002-09-04) & EP 1309156 A1 20030507 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• See references of WO 03103173A1

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Designated contracting state (EPC)
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